

§ 53.05-3

Code except as noted otherwise in this section.

(b) *Hot water heating boilers.* Each hot water heating boiler must have at least one safety relief valve.

(c) *Hot water supply boilers.* Each hot water supply boiler must have at least one safety relief valve and a temperature relief valve or a pressure-temperature relief valve. The valve temperature setting must not be more than 99 °C (210 °F).

§ 53.05-3 Materials (modifies HG-401.2).

(a) Materials for valves must be in accordance with HG-401.2 of the ASME Code except nonmetallic materials may be used only for gaskets and packing.

§ 53.05-5 Discharge capacities and valve markings.

(a) The discharge capacities and valve markings must be as indicated in HG-402 of the ASME Code. The discharge capacities must be certified by the National Board of Boiler and Pressure Vessel Inspectors.

Subpart 53.10—Tests, Inspection, Stamping, and Reporting (Article 5)

§ 53.10-1 General.

(a) The tests, inspection, stamping, and reporting of heating boilers shall be as indicated in Article 5, Part HG of section IV of the ASME Code except as noted otherwise in this subpart.

§ 53.10-3 Inspection and tests (modifies HG-500 through HG-540).

(a) The inspections required by HG-500 through HG-540 must be performed by the “Authorized Inspector” as defined in HG-575 of the ASME Code. The Authorized Inspector shall hold a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors. After installation, heating boilers must be inspected for compliance with this part by a marine inspector.

(b) Automatically controlled boilers must be subjected to the operating tests prescribed in part 63 of this subchapter.

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(c) All heating boilers must have the operation of their pressure relieving devices checked after the final installation.

[CGD 81-79, 50 FR 9436, Mar. 8, 1985]

§ 53.10-10 Certification by stamping.

Stamping of heating boilers shall be as indicated in HG-530 of the ASME Code.

[CGD 81-79, 50 FR 9436, Mar. 8, 1985]

§ 53.10-15 Manufacturers’ data report forms.

The manufacturers’ data report forms required by HG-520 of the ASME Code must be made available to the marine inspector for review. The Authorized Inspector’s National Board commission number must be included on the manufacturers’ data report forms.

[CGD 81-79, 50 FR 9436, Mar. 8, 1985]

Subpart 53.12—Instruments, Fittings, and Controls

§ 53.12-1 General (modifies HG-600 through HG-640).

(a) The instruments, fittings and controls for heating boilers shall be as indicated in HG-600 through HG-640 of section IV of the ASME Code except as noted otherwise in this section.

(b) For control systems for automatic auxiliary heating equipment, the requirements in part 63 of this subchapter govern and shall be followed.

PART 54—PRESSURE VESSELS

Subpart 54.01—General Requirements

Sec.

54.01-1 Incorporation by reference

54.01-2 Adoption of division 1 of section VIII of the ASME Code.

54.01-5 Scope (modifies U-1 and U-2).

54.01-10 Steam generating pressure vessels (modifies U-1(e)).

54.01-15 Exemptions from shop inspection and plan approval (replaces U-1(c) (6) through (9)).

54.01-17 Pressure vessel for human occupancy (PVHO).

54.01-18 Plan approval.

54.01-25 Miscellaneous pressure components (modifies UG-11).

54.01-30 Loadings (modifies UG-22).

54.01-35 Corrosion (modifies UG-25).